SPILL PREVENTION, CONTROL, AND COUNTERMEASURES BEST MANAGEMENT PLAN

N O A A

NATIONAL WEATHER SERVICE

Huntsville Weather Forecast Office
320 Sparkman Drive
NSSTC Building
Huntsville, Alabama 35805

Designated Person Responsible for Spill Prevention (DRO):

Printed Name: Larry Burgett

Signature: _____

Date: _____

Telephone: (256) 890-8503

The Regional Environmental Compliance Officer (RECO) has reviewed the facility and determined that an SPCC Plan is not required per 40 CFR 112. This Plan is developed strictly as a Best Management Plan. The determination is based on:

__X__ The facility does not exceed capacity.
____ The facility meets capacity requirements but, a discharge will not reach navigable waterways.

RECO Printed Name: Mark George

RECO Signature: _____

Date: _____

April 16, 2003 Huntsville, AL

PART I - GENERAL INFORMATION

A. GENERAL

This section of the Best Management Plan provides general information about the facility.

1. Name:

National Weather Service (NWS) Huntsville Weather Forecast Office (WFO)

2. Date of Initial Operation:

2002

3. Location:

Street: 320 Sparkman Drive
City: Huntsville
State/Zip Code: Alabama 35805

4. Name and phone number of owner (Point of Contact)

Larry Burgett
Environmental Focal Point
(256) 890-8503

5. Facility Contacts

Terry Brisbin
NWS Southern Region Environmental/Safety Coordinator
(817) 978-7777, Ext. 139

B. SITE DESCRIPTION AND OPERATIONS

The Huntsville WFO is located in Huntsville, Alabama on the property of the University of Alabama - Huntsville campus.

Emergency backup power is provided by a 135-kilowatt electric generator, typically used during weather-related power outages. The diesel fuel that powers the generator is stored in a 800-gallon aboveground storage tank (AST). The emergency generator is operated approximately 4 to 5 hours per month for maintenance purposes. Approximately 15 gallons per month of fuel are used on average.

The AST is a rectangular steel tank that is combined with the generator unit whereas the AST is located beneath the generator. The AST and generator are enclosed in an outer storage container that is bolted to a concrete slab situated over a gravel base. The AST and generator are located in a fenced-in area west of the WFO building. The AST is doubled walled, with the outer wall providing secondary containment of the entire volume of the inner tank. The tank is equipped with a fill port that is visually monitored for overfill, a visual fuel gauge, and an emergency vent. There is no overfill protection bucket to protect from spillage during fueling.

Drainage in the area of the AST flows from the gravel surface and over an asphalt parking area to storm sewers that direct flow east to an unnamed pond approximately 1/4 mile from the AST.

The facility should maintain spill kit materials such as absorbent pads, mats, or socks sufficient to prevent a spill from reaching the nearby storm sewers and nearby water body. The kits should also include a disposal container that can be used also to store the other spill kit materials. The NWS recently opened this location, and spill kits have not yet been purchased.

PART II - OPERATIONAL PROCEDURES FOR SPILL PREVENTION AND CONTROL

1. Fuel Unloading

a. Appendix A includes a Tank Ullage and Fueling Log (Appendix A-1) that should be used when fuel is delivered.

b. Appendix A also contains a Fuel Unloading Procedure Checklist (Appendix A-2) that includes a list of procedures that should be implemented when fuel is delivered.

2. Inspections and Records

Inspection and Maintenance of Tanks: The AST should be inspected weekly for any oil outside the tank, especially at seams (including the underside). The outside of any exposed piping should be inspected weekly, especially at the joints such as gasket fittings. Monthly and annual inspections should follow the checklists presented in Appendix B.

Record Keeping: The designated person responsible for spill prevention or alternate representative is responsible for completing the ullage logs and documenting fuel unloading procedures. These records, as well as records of all inspections, should be maintained for at least 5 years from the time of inspection.

PART III - SPILL COUNTERMEASURES AND REPORTING

A. SPILL COUNTERMEASURES

This section presents countermeasures to contain, clean up, and mitigate the effects of an oil spill that impacts navigable waters or adjacent shorelines.

A spill containment and cleanup activity will never take precedence over the safety of personnel. No countermeasures will be undertaken until conditions are safe for workers. The **SWIMS** procedure should be implemented as countermeasures as follows:

S - Stop the leak and eliminate ignition sources.

a. Attempt to seal or somehow stop leak if it can be done safely.
b. Attempt to divert flow from the drainage pathway with a spill barrier or the contents of spill kit.
c. Eliminate all ignition sources in the immediate area.

W - Warn others.

a. Yell out "SPILL." Inform the person in-charge at your facility.
b. Account for all personnel and ensure their safety.
c. Notify contacts and emergency response contractor as described in the following section for assistance in control and cleanup.

I - Isolate the area.

a. Rope off the area.

M - Minimize your exposure. Stay upwind.

S - Stand by to assist the emergency response contractor, if necessary.

B. SPILL REPORTING

1. General Notification Procedures for All Spills

Within 24 hours, the responsible person or designee (DRO on this plan title page) is directly charged with reporting all oil spills that result from facility operations as follows

a. In the event of an emergency (for example, fire or injury), call **9-1-1** (if "9" is required to obtain an outside telephone line, it may be necessary to dial **9-9-1-1**).

b. Notify the following NWS and NOAA regional and headquarters personnel.

- Mike Jacob, (301) 713-1838 Ext. 165, JMichael.Jacob@noaa.gov, NWS Environmental Compliance Officer
- Olga Kebis, (301) 713-1838 Ext. 173, Olga.Kebis@noaa.gov, NWS Safety Officer
- Terry Brisbin, (817) 978-7777, Ext. 139, Terry.Brisbin@noaa.gov, NWS Southern Region Environmental/Safety Coordinator
- Mark George, (303) 497-3064, Mark.George@noaa.gov, NOAA Mountain Regional Environmental Compliance Officer

c. The RECO shall determine if Federal or state notification is required and follow up

accordingly.

2. Cleanup Contractor Notification

An emergency response contractor should also be notified to assist with the clean up, if necessary. NWS has identified the following contractors that are available for an emergency response or waste disposal:

Contractor	Phone Number
Philips Environmental Services	(800) 567-7455
Safety-Kleen	(256) 851-9492

3. Spill Report

The form in Appendix C should be used to complete a spill report. This form should be sent, preferably by e-mail, to the NOAA representatives listed above.

C. Training

The designated person responsible for spill prevention and an alternate should be trained on the fuel unloading procedure and inspection requirement. Additionally, these persons should be trained in spill countermeasures. The alternate should be designated in case the primary person is off site at the time of a spill.

Training should be conducted once annually.